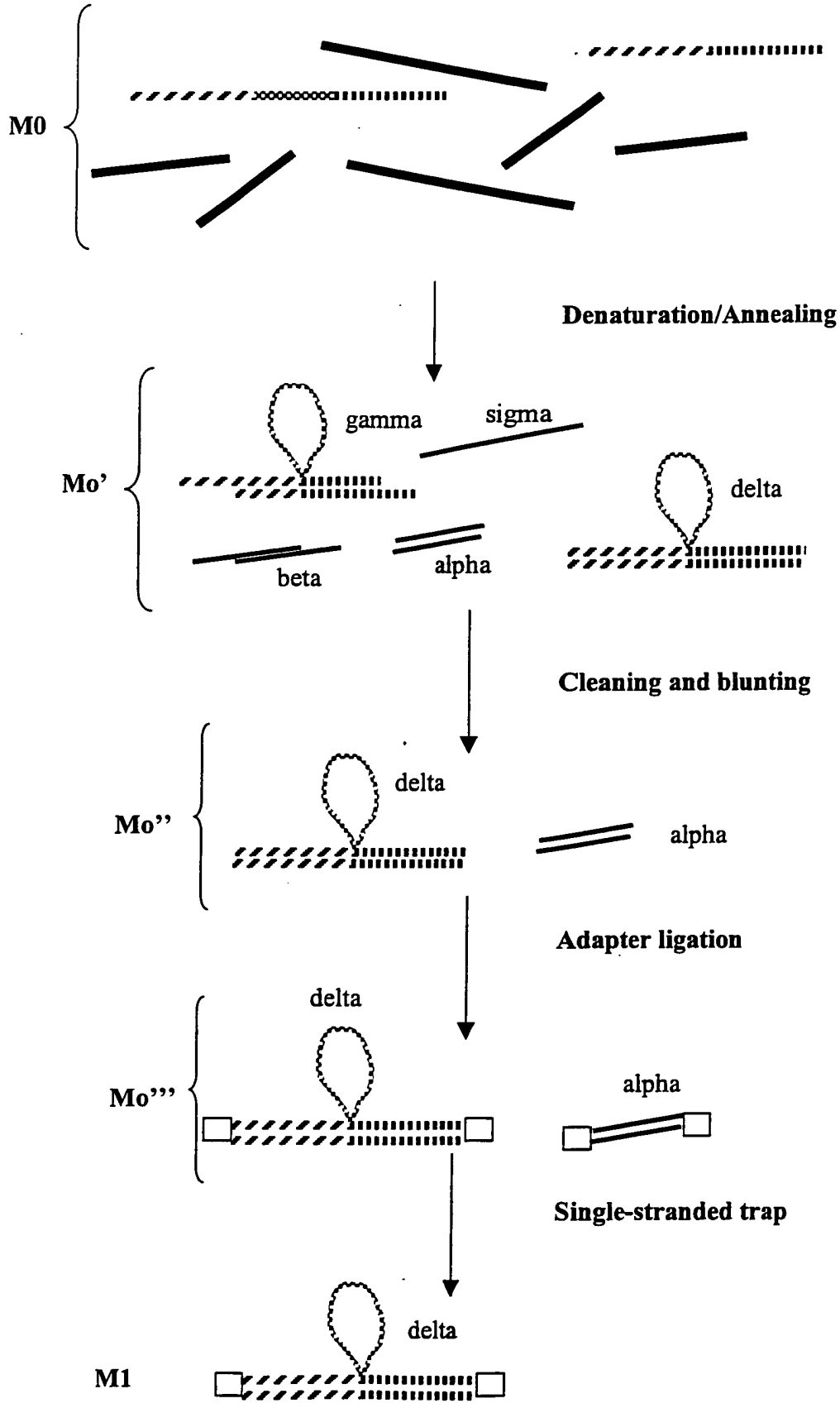

M0
Denaturation/Annealing
Mo'
gamma
sigma
delta
beta
alpha
Cleaning and blunting
Mo''
delta
alpha
Adapter ligation
Mo'''
delta
alpha
Single-stranded trap
delta
M1

FIGURE 1

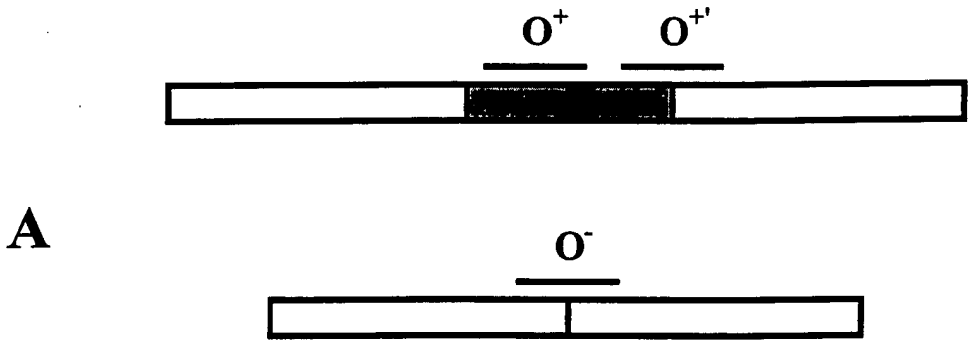


FIGURE 2

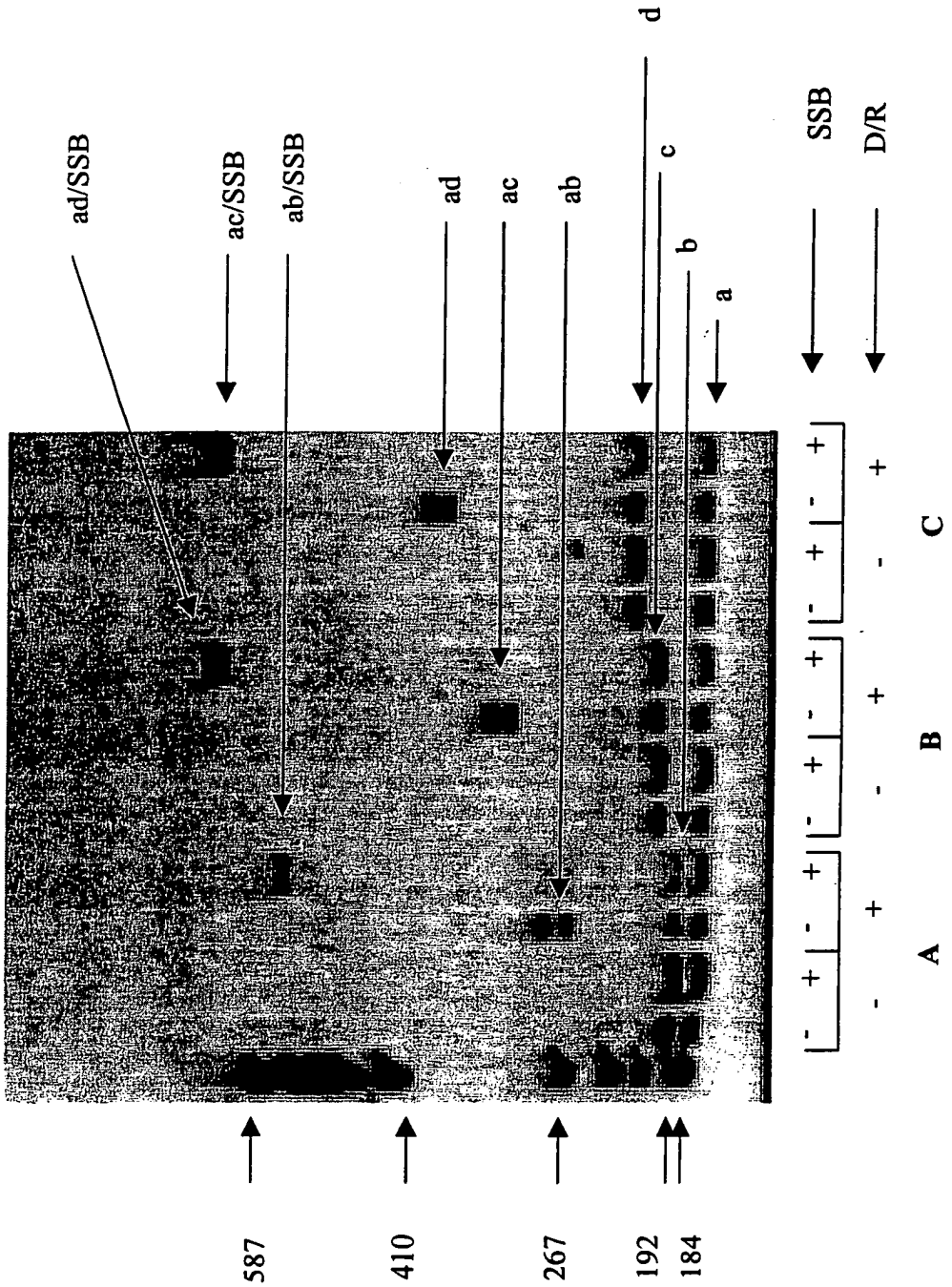


Figure 3

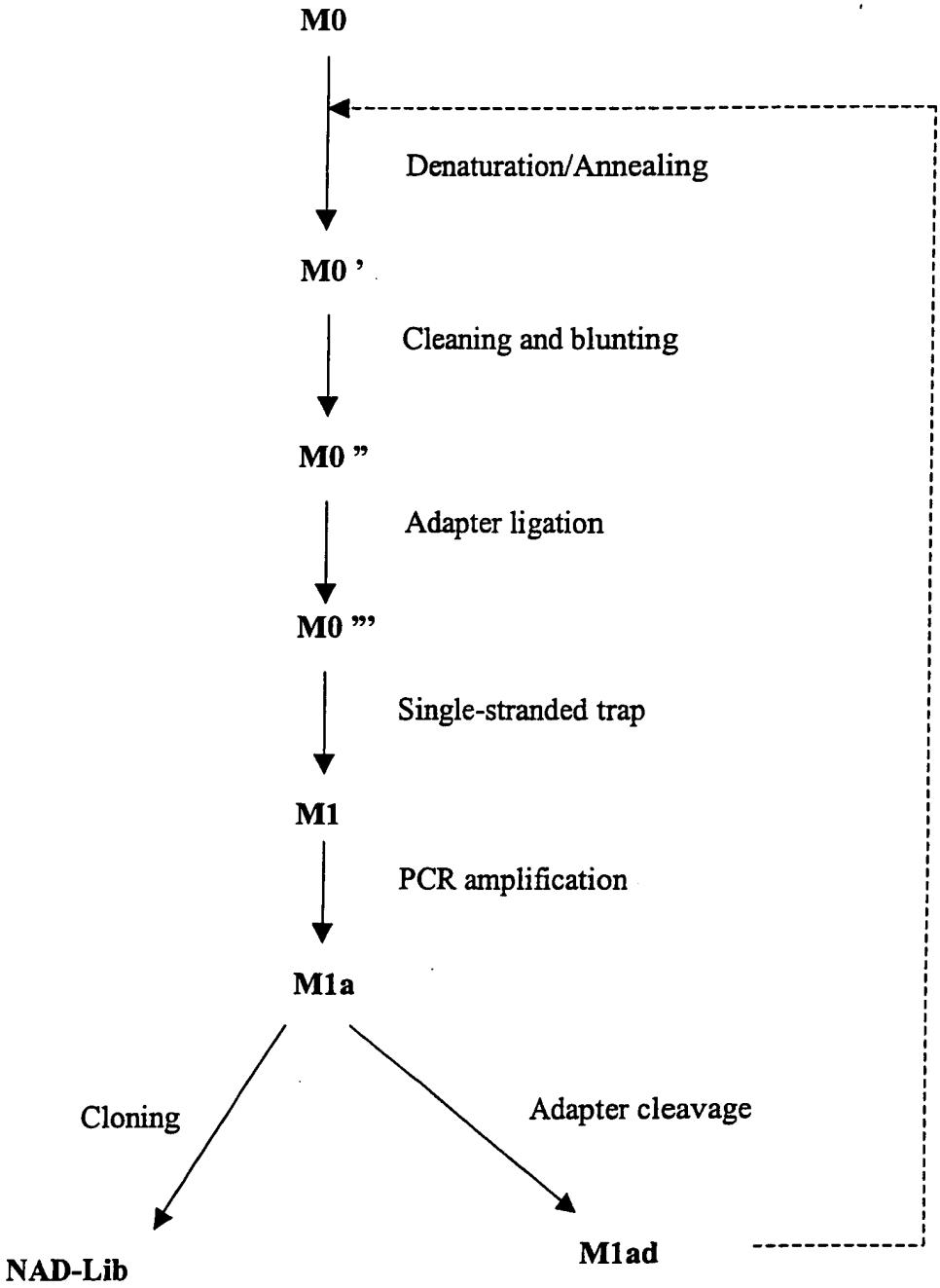

M0
Denaturation/Annealing
M0 '
Cleaning and blunting
M0 "
Adapter ligation
M0 "'
Single-stranded trap
M1
PCR amplification
M1a
Cloning
Adapter cleavage
NAD-Lib
M1ad

FIGURE 4

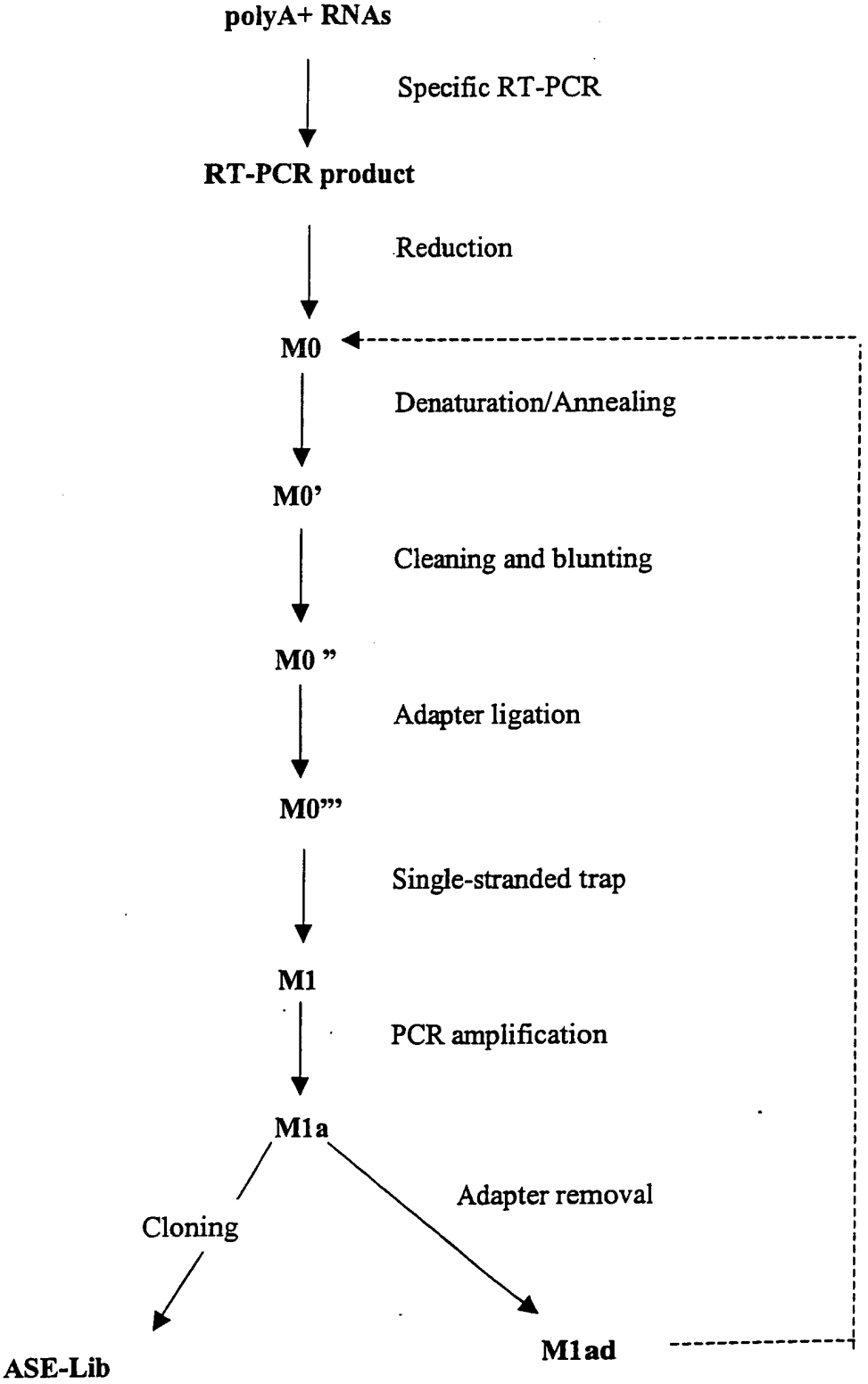
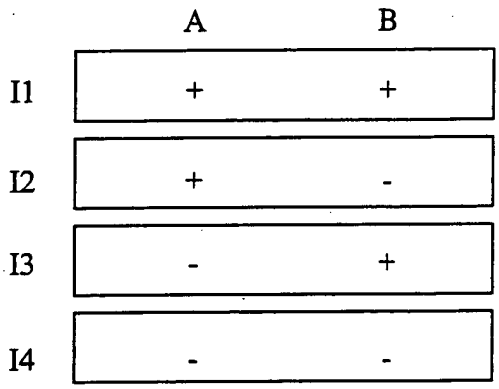

polyA+ RNAs
Specific RT-PCR
RT-PCR product
Reduction
M0
Denaturation/Annealing
M0'
Cleaning and blunting
M0 ''
Adapter ligation
M0'''
Single-stranded trap
M1
PCR amplification
M1a
Adapter removal
Cloning
ASE-Lib
M1ad

FIGURE 5



Combinations of 4 isoforms	Identification of A and B
I1/ I2	-
I1/ I3	-
I1/ I4	+
I2/ I3	+
I2/ I4	-
I3/ I4	-
I1/I2/I3	+
I1/I2/I4	+
I1/I3/I4	+
I2/I3/I4	+
I1/I2/I3/I4	+
11 combinations	**7 combinations**

FIGURE 6

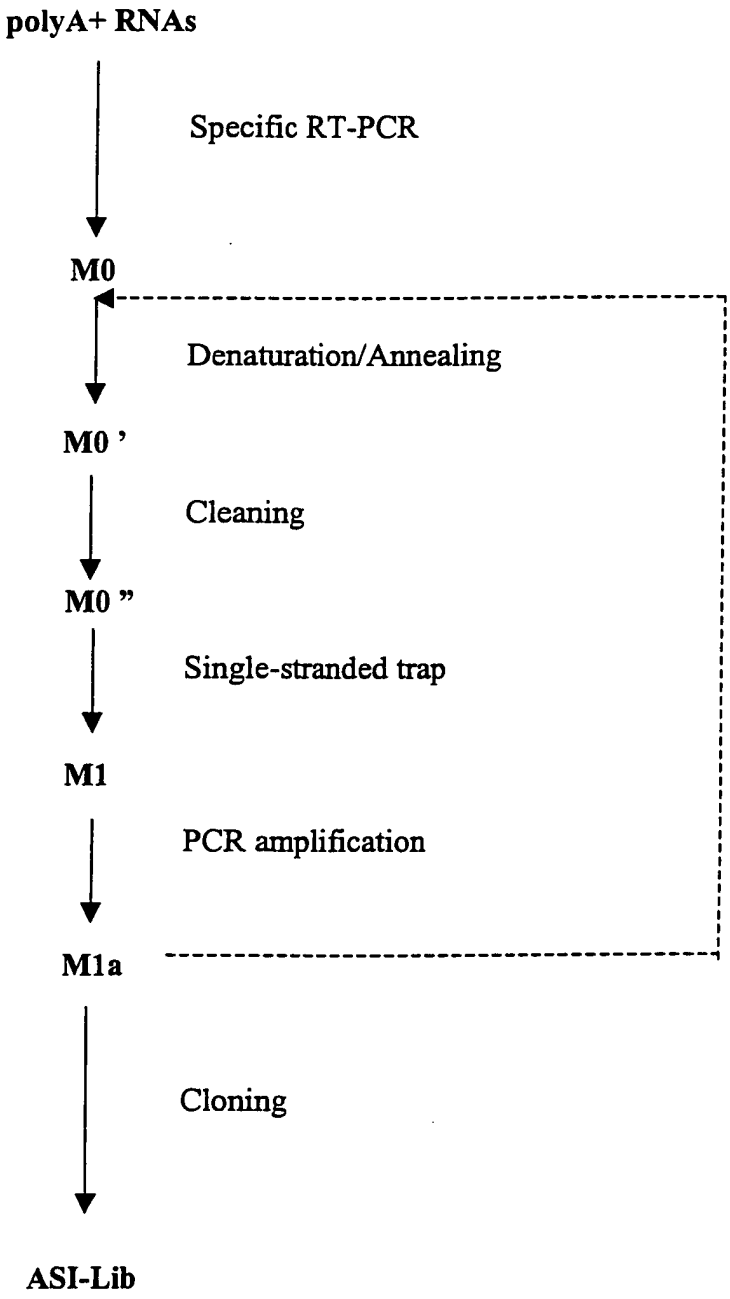

polyA+ RNAs
Specific RT-PCR
M0
Denaturation/Annealing
M0 '
Cleaning
M0 "
Single-stranded trap
M1
PCR amplification
M1a
Cloning
ASI-Lib

FIGURE 7

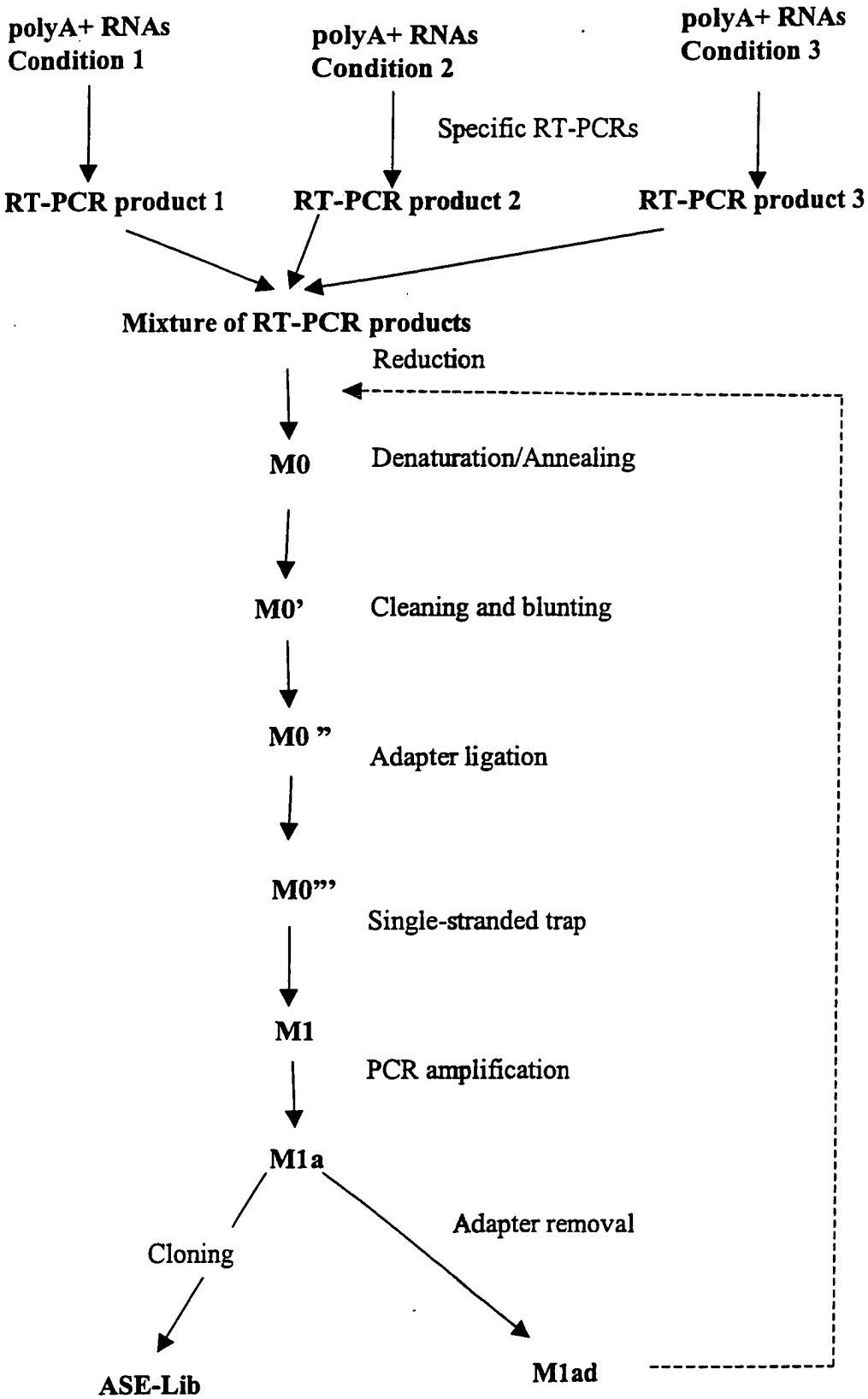

polyA+ RNAs Condition 1
polyA+ RNAs Condition 2
polyA+ RNAs Condition 3
Specific RT-PCRs
RT-PCR product 1
RT-PCR product 2
RT-PCR product 3
Mixture of RT-PCR products
Reduction
M0
Denaturation/Annealing
M0'
Cleaning and blunting
M0 "
Adapter ligation
M0"'
Single-stranded trap
M1
PCR amplification
M1a
Adapter removal
Cloning
ASE-Lib
M1ad

FIGURE 8

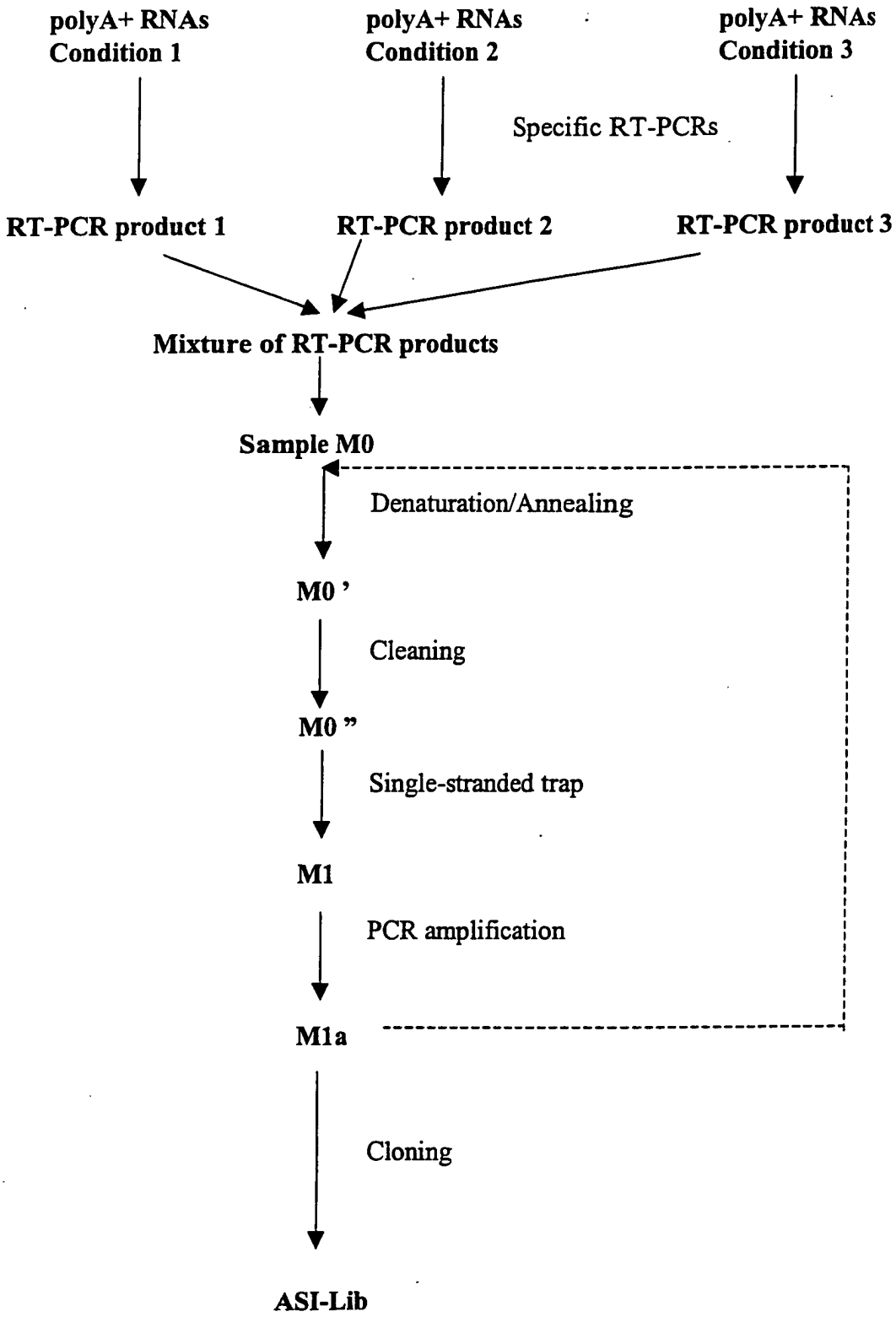

polyA+ RNAs
Condition 1
polyA+ RNAs
Condition 2
polyA+ RNAs
Condition 3
Specific RT-PCRs
RT-PCR product 1
RT-PCR product 2
RT-PCR product 3
Mixture of RT-PCR products
Sample M0
Denaturation/Annealing
M0 '
Cleaning
M0 "
Single-stranded trap
M1
PCR amplification
M1a
Cloning
ASI-Lib

FIGURE 9